

# **C-A MAINTENANCE, MODIFICATIONS, AND REPAIRS SCHEDULE**

**RESULTS - Dec. 20, 2001,**

R. Zaharatos – December 20, 2001

## **SCHEDULE SUMMARY**

Maintenance Begins: 0800hrs December 20, 2001

Maintenance Ends: 1300hrs December 20, 2001,

RHIC Tunnel Sweeps: As sector jobs are completed. Remaining sweeps no later than 1300hrs.

### **Machine Areas Access For :**

AGS	Controlled Access - No access
Booster	Controlled Access - No access
SEB	Controlled Access - No access
ATR/U Line	Controlled Access - No access
Linac	Controlled Access - Possibly 1000-1100(Plug Door) for SNS Instru..
RHIC	Controlled Access - 0900-1300(HP surveys required for sectors 12 & 9).
	Restricted Access - PHENIX(0800-1300)
	Restricted Access - Brahms, 10(9Z1,10Z1,10Z2) and 12 o'clock

## **PRIMARY JOBS**

JOBS STATUS CODE: **C** complete **IP** in-process **RS** reschedule **CAN** cancelled

### **AGS EXTERNAL EQUIPMENT**

- C** 1. Westinghouse Motor/Generator - inspect and change some brushes(0800-1100)
- RS** 2. AGS spill servo system - troubleshoot reason for 30mv offset. First pass - replace the TTL to fiber optic converter.(Venegas)
- C** 3. Test fire alarms at 911/912 panel on shield top.(Fire Alarms Elect.)

### **RHIC**

#### **IR's**

- C** 1. PHENIX - experimental set-up(5hrs)
- C** 2. Sect. 12 - polarimeter set-up
- C** 3. PP2PP - experimental set-up(2hrs)
- C** 4. BRAHMS - experimental set-up(1hrs)

## SUPPORT BUILDINGS

- C** 1. Replace Housekeeping P.S. for BL11QD1 in Bldg. 1012A(P.S. Grp.)
- C** 2. Change QPA filters in all service bldgs.(Ribaud)
- C** 3. Remove unused test points in Quench Detection System(1004A)(Ribaud)
- C** 4. Replace relay circuit brd. in Sect. 8 Pass Sys. to correct intermittent.(Access Ctrls.)

## TUNNEL

- C** 1. Alcove 3C - replace Low Res. Card for BO3 TH8(P.S. Grp.) - Replaced P.S.(Wilke)
- RS** 2. Repair fire alarm panel for Sectors 9 and 10(Baldwin, Fire Alarm Electricians)  
(Tunnel access through 9GE1 and 10GE1)
- C** 3. Replace section of air line in 1005H(requires access to Sector 5 isolation valve)(Cryo)
- C** 4. Investigate BPM1 temperature trip - cleaned air filter(3C Alcove, Ctrls. Grp.)
- C** 5. Inspect Snake system in 7C Alcove(Bruno/Adessi)

## DETAILED SCHEDULE

### 20 Dec.

0800	Beam off. Linac beam stops closed(BLIP off? check with Briscoe)
	RHIC beam off for maintenance shutdown. Prepare for RHIC Access(HP surveys as required)
1000	Access to 912 Shield Top for fire alarm electricians Access to Linac HEBT for SNS Instrumentation if required
1100	Westinghouse turn-on Linac, Booster, AGS set-up
1200	Begin sweeps of RHIC sectors where work has been completed
1300	RHIC shutdown access ends. Complete remaining sweeps
1530	Ready for RHIC injection.